

Appl. No. 10/613,350
Amdt. Dated October 28, 2003

Amendments to the Claims:

The listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

Claim 1 (original). An apparatus for locking and unlocking an electronic component to be inserted into a retaining device and held in the retaining device, the apparatus comprising:

a rocker to be operatively connected to the electronic component and movable between a first position and a second position, said rocker having a first end interacting with the retaining device and a second end for operating said rocker, said first end unlocking the electronic component in the retaining device when placed in said second position.

Claim 2 (original). The apparatus according to claim 1, wherein said first position is an initial position and said second position is an operated position.

Claim 3 (original). The apparatus according to claim 1, wherein:

the electronic component has at least one part; and

said rocker is integrally formed with the at least one part.

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Claim 4 (original). The apparatus according to claim 1, including at least one resetting means connecting said rocker to the electronic component.

Claim 5 (original). The apparatus according to claim 4, wherein said at least one resetting means is integrally formed with the electronic component.

Claim 6 (original). The apparatus according to claim 4, wherein the electronic component has a part and said at least one resetting means is integrally formed with the part.

Claim 7 (original). The apparatus according to claim 5, wherein:

said rocker has a rotation axis; and

said at least one resetting means is a leaf spring connected to said rocker at a region of said rotation axis.

Claim 8 (original). The apparatus according to claim 4, wherein:

said rocker has a rotation axis; and

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said at least one resetting means is a torsion spring connected to said rocker at a region of said rotation axis.

Claim 9 (original). The apparatus according to claim 1, wherein said second end has an operating direction at least one of right angles to and in the removal direction of the electronic component from the retaining device.

Claim 10 (original). The apparatus according to claim 1, wherein:

the electronic component has a longitudinal axis; and

said second end has an operating direction perpendicular to the longitudinal axis.

Claim 11 (original). The apparatus according to claim 1, wherein:

the electronic component is removed from the retaining device in a removal direction; and

said second end has an operating direction perpendicular to the removal direction.

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Claim 12 (original). The apparatus according to claim 1,
wherein:

the electronic component leaves the retaining device in an
ejection direction; and

said second end has an operating direction perpendicular to
the ejection direction.

Claim 13 (original). The apparatus according to claim 1,
wherein:

the electronic component has a surface; and

said second end has an operating direction perpendicular to
the surface of the electronic component.

Claim 14 (original). The apparatus according to claim 1,
wherein the electronic component is a transceiver.

Claim 15 (original). The apparatus according to claim 14,
wherein:

the transceiver has an optical inlet; and

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said second end is disposed at the optical inlet.

Claim 16 (original). The apparatus according to claim 15,
wherein the optical inlet has an elongated depression
accommodating said second end.

Claim 17 (original). The apparatus according to claim 15,
wherein:

the electrical component has a housing wall defining an
opening;

said first end is disposed at the optical inlet; and

said first end contacts the locking element in said second
position through the opening.

Claim 18 (original). The apparatus according to claim 15,
wherein:

the electrical component has a housing with a bottom face; and
said second end and said first end are disposed on the bottom
face.

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Claim 19 (original). The apparatus according to claim 15, wherein the retaining device is a metal structure to be fitted on a printed circuit board.

Claim 20 (original). The apparatus according to claim 15, wherein the retaining device is a sheet-metal cage to be fitted on a printed circuit board.

Claim 21 (original). The apparatus according to claim 15, wherein:

said rocker is integral to the electronic component; and
the electronic component and said rocker are plastic.

Claim 22 (original). The apparatus according to claim 15, wherein:

the electronic component has a part;

said rocker is integral to the part; and

the electronic component, the part, and said rocker are plastic.

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Claim 23 (original). The apparatus according to claim 1,
wherein:

said second end and said first end are disposed on opposite
ends of said rocker.

Claim 24 (original). The apparatus according to claim 23,
wherein:

said rocker has a rotation axis disposed between said second
end and said first end; and

a control spring is connected to said rocker in a vicinity of
said rotation axis.

Claim 25 (new). A method for unlocking an electronic
component held in a retaining device, the method which
comprises:

moving a rocker having a first end and a second end and
operatively connected to the electronic component from a first
position to a second position by operating the second end;

thereby causing the first end to unlock the electronic
component in the retaining device.

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Claim 26 (new). The method according to claim 25, wherein the rocker has a rotation axis and the rocker is rotated about its rotation axis when being moved from the first position to the second position.

Claim 27 (new). The method according to claim 25, wherein the first position is an initial position and the second position is an operating position.

Claim 28 (new). The method according to claim 25, further comprising resetting the rocker to the first position.

Claim 29 (new). The method according to claim 28, wherein the electronic component has a longitudinal axis and the second end is operated in a direction perpendicular to the longitudinal axis.

Claim 30 (new). The method according to claim 25, wherein the electronic component has a removal direction from the retaining device and the second end is operated in a direction perpendicular to the removal direction.

Claim 31 (new). The method according to claim 25, wherein the electronic component has a surface and the second end is

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operated in a direction perpendicular to the surface of the electronic component.

Claim 32 (new). The method according to claim 25, wherein the electronic component is a transceiver.

Claim 33 (new). The method according to claim 25, wherein the retaining device is a metal structure to be fitted on a printed circuit board.

Claim 34 (new). The method according to claim 26, which comprises rotating the rocker rotated about a rotation axis located between the first end and the second end of the rocker.

Claim 35 (new). The method according to claim 25, wherein the first end of the rocker, when the rocker is moved to the second position, changes a position with respect to a wall section of the retaining device.

Claim 36 (new). The method according to claim 25, wherein the first end of the rocker, when the rocker is moved to the second position, changes interaction with the retaining device.